NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497538

Serial No. Fourt & Final bill

Name of Work providing pipeline to the existing borewells From in ward no. 8 kargehalli To

Name of Contractor of nature of Agency M/S. AAKAR CONSTRUCTION, Sri. Srinath. KS, Bangalore.

Date of commencement of work 12/12/2019

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Estimate cost :-	Rs. 6.00 lakhs					
	Job code :-	008-19-000159			P 1802		
	Work order no :-	BBMP/EE/BTP/WO/167/2019-20				Date :- 12/12/2019	
	1) Earthwork excavation for foundation of buildings, water supply sanitatory lines & electrical conduits either in pits or in trenches 1.5m & above in width in ordinary soil not exceeding 1.5m in depth including dressing the bottom & sides of pits & trenches stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods Complete as per specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty as per pre measurement vide page no 49795-96 of this MB is					450.00 m^3	
	@ Rs 272.57/m^3						122657=00
	2) Supplying pvc sring tight pipes conforming to IS 4985:2000 with latest amendments & Conveying to worksite rolling & lowering into trenches laying true line & level & perfect linking of joints testing & commissioning including loading & unloading at both destination & cuts of pipes wherever necessary including jointing of pvc pipes & specials (excluding of cost specials) with jointing of approval type with all labour with all lead & lift including encasing the pipe around to a depth of not less than 15cms with soft gravel						

erial No. .....
lame of Work .....
lame of Contractor of nature of Agency .....
)ate of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	os selected earth available giving necessary hydraulic Pes IS Contractor will procuring water for testin Qty vide MB	

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
easurement		450.00 m^3	
5-96 of this			
			122657=00
272.57/ m^3			
to IS 4985:2000 with			
e rolling & lowering			
perfect sinking at			
oading & unloading			
rever necessary			
excluding cost			
with all labour			
the pipe around			
th soft gravel			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497539

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of selected earth available from the excavation etc. complete & giving necessary hydraulic test to the required pressure as per IS Contractor will make this own arrangement for procuring water for testing.						
	Qty as per pre measurement vide page no 497596-97 of this MB is					1000.00 m	
	@ Rs. 66.55/m						66550.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3)	Refilling available earth around pipe lines, Cable in layers not exceeding 20cms in depth, Compacting each deposited layer by ramming after watering with lead upto 50m & lift upto 1.5m including Cost of all labour complete as per specifications allow 60% of Grate considered under item.						
						Qty vide item no. 1	450.00 m^3
	⊕ Page no 497598					@ Rs. 110.30/m^3	49635=00
4)	providing & laying in position plain cement concrete of mix M20 with opc cement @ 300 kgs, with 20mm ⊕ down size graded granite metal coarse aggregates @ 0.64 & fine aggregates @ 0.43 cum with superplastisizer @ 3 its confirming to IS 9103-1999 reaffirmed -2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
	thick, well compacted of all materials, labour as per specifications.	four
	Badappa layout main road	
	1st cross R/S	
	1st cross L/S	
	2nd cross R/S	
	2nd cross L/S	

NT BOOK

nensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
es, Cable in layers next ch deposited layer by 5cm & lift upto 1.5m per specifications allow			
3			
2 item no. 1		450.00m³	
110.30/m³			49635=00
cement concrete of mix mm & down size graded 4 & fine aggregates @ confirming to IS9103- d, concrete laid in well compacted, in			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497540

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	thick, well compacted of all materials, labour as per specifications.	foundation plinths & cills, including Cost of HOM of machinery cusing complete					
	Badrappa layout main road	1	18.20	0.60	0.075	0.82	
		1	30.00	0.60	0.075	1.35	
	1st cross R/S	1	31.00	0.60	0.075	1.40	
	1st cross L/S	2	30.00	0.60	0.075	2.70	
		1	17.00	0.60	0.075	0.77	
	2nd cross R/S	1	33.00	0.60	0.075	1.49	
	2nd cross L/S	2	30.00	0.60	0.075	2.70	
		1	15.00	0.60	0.075	0.68	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3rd Cross R/S	1	30.00	0.60	0.075	1.35	
	3rd Cross L/S	1	8.00	0.60	0.075	0.36	
	Marathi layout Badappa layout Mumeshwara block Cross road	2	30.00	0.60	0.075	2.70	
		1	14.00	0.60	0.075	0.63	
		1	29.20	0.60	0.075	1.31	
		1	15.00	0.60	0.075	0.68	
	Balai layout Cross road	1	22.00	0.60	0.075	0.99	
		4	30.00	0.60	0.075	5.40	
	5th main road	1	29.60	0.60	0.075	1.33	
		1	30.00	0.60	0.075	1.35	
	Kasigehall near railway line Cross road	1	10.00	0.60	0.075	0.45	
		1	29.00	0.60	0.075	1.31	
		2	30.00	0.60	0.075	2.70	
		1	29.00	0.60	0.075	1.31	
		2	30.00	0.60	0.075	2.70	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
·60	0·075	1·35	
·60	0·075	0·36	
·60	0·075	2·70	
·60	0·075	0·63	
·60	0·075	1·31	
·60	0·075	0·68	
·60	0·075	0·09	
·60	0·075	5·40	
·60	0·075	1·33	
·60	0·075	1·35	
·60	0·075	0·45	
·60	0·075	1·31	
·60	0·075	2·70	
·60	0·075	1·31	
·60	0·075	2·70	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497541

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	29·00	0·60	0·075	1·31	
		2	30·00	0·60	0·075	2·70	
		1	18·00	0·60	0·075	0·81	
		2	30·00	0·60	0·075	2·70	
		1	25·80	0·60	0·075	1·16	
		2	30·00	0·60	0·075	2·70	
		1	26·80	0·60	0·075	1·21	Cette Ref
				Total Qty		45·03	
			Qty	limited to		45.00 m³	
				@	Rs·4839·68/m³		217786=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	Providing & fixing Chorinated poly venyl chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fitting including fixing the pipe with one step CPCU Solvent cement & testing of joints complete [Internal work exposed on wall] 20mm nominal OD pipes						
		1	1.20	-	-	1.20	
		1	1.30	-	-	1.30	
		1	1.20	-	-	1.20	
		1	1.25	-	-	1.25	
		1	1.00	-	-	1.00	
		1	1.25	-	-	1.25	
		1	1.30	-	-	1.30	

Clerk 16/3/2020

Verified

Barrier 16/03/2020

M.

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ate of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
		1
		1
		1

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
ly venyl chloride (pvc) pipes				
mal stability for hot & cold				
im & brass threaded fitting				
e steps (PCU) Solvent cement				
nd work exposed on wall)				
1·20	–	–	1·20	
1·30	–	–	1·30	
1·20	–	–	1·20	
1·25	–	–	1·25	
1·00	–	–	1·00	
1·25	–	–	1·25	
1·30	–	–	1·30	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

497542

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	1·20	–	–	1·20	
		1	1·30	–	–	1·30	
		1	1·30	–	–	1·30	
						12·30 m	
						12·00	
	Cleared 16/3/2020		@ Rs. 123·07/m				1477·00
						Sub total	458105=00
	Verified 17/04		(Less item No. 2)			GST @ 12%	54973=00 46987
	Passed 16/03/2020					Grand total	513078=00 505092

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CERTIFICATE :- 1) The contractor has done the work satisfactorily. 2) There is no any departmental issues with contractor. 3) The contractor has cleared all debries from workspot. Surveyor 16/03/2020						

Assistant Engineer
Kodi
Yelahanka
Bangalore.

Engineer
Division
B.M.P.

1st & final

erial No. .....
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ame of Contractor of nature of Ag
ate of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P1802 - Pipe line ಜಲ್ಲು ಮೊಬಲಗು ರೂ. 505000/- ಗಳನ್ನು ವ ಇದರಲ್ಲಿ ರೂ. 26200/- ಗಳನ್ನು ಮಾಡಿಕೊಂಡು ರೂ. 478800/- FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿ ವಿಷಯ ನಿರ್ವಾಹಕರು ಲೆಕ್ಕಶೀರ್ಷಿಕೆ ಅಧಿಕಾರಿಯವರು ಕಾರ್ಯನಿರ್ವಾ	

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

k satisfactory.
ues with contractor.
bbies from workspot.

Engineer
Division
B.M.P.M.R.

1st & final

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497543

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work .....

From..... To.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P1802 - Pipe line ರದಿ ಚಲ್ಲು ಮೊಬಲಗು ರೂ. 505000/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ. ಇದರಲ್ಲಿ ರೂ. 26200/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ. 478800/- ಗಳನ್ನು FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ ವಿಷಯ ಲೆಕ್ಕಪರಿಶೋಧಕರು ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು ನಿರ್ಮಾತೃರು			TTB It Cest Sest LWF FBP CR Fine Ded Cheque	505000 5050 4509 4509 5050 505 6072 505 26200 478800		